

ACEC-DOT BRIDGE SUBCOMMITTEE

Minutes of August 1, 2005 Meeting

Attendees:

Allen Raynor, NCDOT
Lonnie Brooks, NCDOT
Kevin Austin, BHME
David Ruggles, Stewart Engineering (Co-Chair)
Tim Rountree, RWA
Tom Tallman, WSA
Domenic Coletti HDR Engineering

I. Joint Training Opportunities

A seminar on LRFD substructure design is being planned for the near future. A date has not been established yet.

The Joint Conference scheduled for October 17-18 will have various presentations. Announcements and seminar topics will be sent out as the date approaches.

II. Bridge Policy Changes

Allen stated that there were several new policy memos that had been issued since the last meeting:

Thermal Sprayed Coatings – Describes three situations where the Special Provision for thermal sprayed coating is not applicable. For these situations, thickness and alloy are per memo.

Joint Detail Standards – Standards were updated by deleting reference to thermal sprayed coating thickness, which was added to special provisions.

Box Beam Guidelines – The July 11 memo provides guidelines and standard drawings for the use of prestressed concrete box beams.

Structure Design Manual – Figure 11-3 was updated to include box beams on the chart.

All of these memos are available on the Structure Design Web Page at:

<http://www.doh.dot.state.nc.us/preconstruct/highway/structur/polmemo/>

In addition, there will be future policy memos for integral abutments and approach slabs. These will be out in the next few months.

III. Design Build Unit and Status of upcoming Design-Bid-Build/Design-Build

Design build Information is available on the Project services Unit Web page at:

http://www.doh.dot.state.nc.us/construction/ps/altern/design_build/default.html

As far as Design/Bid/Build projects, the funding in the recently passed transportation bill must be analyzed to determine allocation to specific projects. This will be done over the next several months.

IV. LRFD Specifications

The deadline for implementation of LRFD is Fall of 2007. The Structure Unit is continuing the process of conversion to LRFD. They are currently Beta testing the various in-house structural design software. The Structure Design Manual will be revised to be compatible with LRFD specifications sometime in 2006 or early 2007.

V. Membership

Rodney Money of TY Lin and David Simpson of Simpson Engineers have requested representation on the 2006 committee.

VI. Next Meeting

The next bridge subcommittee meeting will be on **Monday November 7, 2005** at 9:00 a.m. in Structure Design Conference Room B.